

CLAIMS**What is claimed is:**

1. A miter saw comprising:

a table on which a workpiece is placed;

5 a saw assembly supporting a saw blade and having a motor for rotatably driving the saw blade;

a housing pivotally supporting the saw assembly related to the table in such a manner that the saw assembly is at least laterally pivotable; and

a bevel stop mechanism for selectively determining the lateral position of the saw
10 assembly at any of a plurality of pivoted positions, the bevel stop mechanism comprising a movable rod and first, second and third fixed stop members,

wherein the rod is movable between a first position where the rod can contact the first and second fixed stop members, but not the third fixed stop member, to define a first range of pivoted positions, and a second position where the rod can contact the first and
15 third fixed stop member, but not the second fixed stop member, to define a second range of pivoted positions,

wherein the first and second range of pivoted positions partially coincide, and the rod being pivotable between first and second axial positions to modify the second range of pivoted positions.

20 2. The miter saw of Claim 1, wherein the first fixed stop member is disposed so that the rod abuts said first fixed stop member when the miter saw unit is at the vertical position.

3. The miter saw of Claim 1, further comprising a base rotatably supporting the table.

4. The miter saw of claim 1, wherein said movable rod is mounted on the housing and said fixed stop members are mounted on said table.
5. The miter saw of claim 2, wherein said movable rod rotates between said first and second rod positions about a rotational axis parallel to the axis about which said miter saw unit laterally pivots.
6. The miter saw of claim 1, wherein the housing further comprises a wall for normally maintaining the movable rod at said second rod position.
7. The miter saw of claim 1, wherein the first fixed stop members is a bolt.
8. The miter saw of claim 7, wherein said bolt abuts said rod so that an axis of said bolt is positioned perpendicular to an axis of the rod.
9. The miter saw of claim 1, wherein the housing vertically pivotally supports said miter saw unit.
10. The miter saw of claim 1, wherein said movable rod is mounted on the table and said fixed stop members are mounted on said housing.
11. The miter saw of claim 10, wherein said movable rod is movable between said first and second rod positions along its longitudinal axis.
12. The miter saw of claim 1, wherein a positioner is attached to the movable rod.
13. The miter saw of claim 1, wherein a handle is attached to the movable rod.